

REMARKS

As a preliminary matter, Applicants request acknowledgment of the claim for foreign priority filed with this application.

As another preliminary matter, the claims have been amended to correct inadvertent errors and better define the invention for reasons unrelated to patentability, and without narrowing the scope of the claims.

Claims 1-10 stand rejected under § 103 on the basis of Toub '450 and Cohen '898. Applicants traverse this rejection because the cited references, alone or in combination, do not disclose or suggest methods or programs for sending data manipulations about a plurality of records to a server at one time, as in the independent claims of the present invention.

Independent claims 1 and 9 of the present application include inventive features that are not disclosed in the references. That is, in the method of claim 1 and program of claim 9, a plurality of records retrieved from a database on a server (a second computer system) are sent to and manipulated by a client (a first computer system), and a log including the data manipulations and the manipulated data is sent to the sever so that the server reflects the manipulations to the database, in order to minimize communication between the client and server.

On the other hand, Toub discloses a method to synchronize a database with data inputted on a screen by DHTML in order to avoid security problems that occur when a

downloaded program is executed on a browser. DHTML is not an execution type program (is not a compiled code).

Toub discloses a method to update a database on the basis of input data from a screen. Basically, Toub sends the DHTML. However, the DHTML is a web page that controls a display on the browser of a client. The step to send DHTML in Toub is different from a step to send the records that satisfy the search condition in claim 1. Further, Toub discloses that manipulations on a browser of a client change a corresponding data (150) by means of the interactive data-bound control (col. 5, lines 30-35). Toub does not send data manipulations about a plurality of records on the client at a time, as defined in claims 1 and 9.

Moreover, the Examiner judged that claim 4 (col. 11, Lines 4-30) of Toub is similar to a technique to update the database on the basis of the database object and the log in claim 1 of the present application. However, since Toub updates the database by interactive data-bound control, so it is understood that the database is updated at each record. At the very least, Toub does not suggest updating a plurality of records at one time, as in claims 1 and 9.

Still further, Toub does not record manipulation in a log, so it cannot update the database on the server according to the log, as defined in claims 1 and 9. Although Cohen discloses a log file in which changes to a database are stored, it is not predicated on a remote access to the database. Therefore, Cohen does not disclose communications between a client and a server, as in claims 1 and 9. Further, Cohen does not store an update log when it is unnecessary to increase access efficiency. The log file of Cohen stores a history of actual

updates to the database. This is different from the logs of claims 1 and 9, which store manipulations to the database object on the client that are not manipulations to the actual database on the server. Therefore, if the log file of Cohen were applied to the method of Toub, a history of the interactive manipulations of Toub might be stored in the log file. However, it would not have been obvious from the combination that the manipulations to the database object on the client could be stored in a log, and that the server could update the database on the basis of the log and the manipulated database object. Accordingly, withdrawal of this rejection is respectfully requested.

For all of the foregoing reasons, Applicant believes that this case is in condition for allowance, which is respectfully requested. The Examiner should call Applicant's attorney if an interview would expedite prosecution.

Respectfully submitted,
GREER, BURNS & CRAIN, LTD.

By:



Patrick G. Burns
Registration No. 29,367

Customer No. 24978
June 23, 2006
300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315